

CLAIMS

1. A reflecting member for a surface light source obtainable by forming a white coating film on the surface of a molded metal part having a prescribed shape.

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2. The reflecting member for a surface light source according to claim 1 wherein the metal part comprises at least one selected from an aluminum plate, aluminum alloy plate, iron plate, stainless steel plate, copper plate, zinc steel plate and tin plate.

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3. The reflecting member for a surface light source according to claim 1 or 2 wherein the white coating film has a thickness of from 50 to 300 μm .

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4. The reflecting member for a surface light source according to any one of claims 1 to 3 wherein in the molding of the metal part, a curved part is formed on the metal part.

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5. The reflecting member for a surface light source according to claim 4 wherein when the film thickness of the white coating film is $A \mu\text{m}$ and the curvature radius of the curved part of the metal part is $B \text{mm}$, the value of A/B is not less than 10.

6. The reflecting member for a surface light source according to any one of claims 1 to 5 wherein the white coating film comprises a powder coating material.

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7. The reflecting member for a surface light source according to any one of claims 1 to 5 wherein the white coating film comprises a liquid coating material.

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8. A process of producing a reflecting member for a surface light source which process comprises the steps of molding a metal part into a prescribed shape and then forming a white coating film on the surface of the metal part.

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9. The process of producing a reflecting member for a surface light source according to claim 8 wherein the metal part comprises at least one selected from an aluminum plate, aluminum alloy plate, iron plate, stainless steel plate, copper plate, zinc steel plate and tin plate.

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10. The process of producing a reflecting member for a surface light source according to claim 8 or 9 wherein the white coating film has a film thickness of from 50 to 300 μm .

11. The process of producing a reflecting member for a surface light source according to any one of claims 8 to 10 wherein in the molding of the metal part, a curved part is formed on the metal part.

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12. The process of producing a reflecting member for a surface light source according to claim 11 wherein when the film thickness of the white coating film is $A \mu\text{m}$ and the curvature radius of the curved part of the metal part is $B \text{mm}$,
10 the value of A/B is not less than 10.

13. The process of producing a reflecting member for a surface light source according to any one of claims 8 to 12 wherein the white coating film comprises a powder coating
15 material.

14. The process of producing a reflecting member for a surface light source according to any one of claims 8 to 12 wherein the white coating film comprises a liquid coating
20 material.

15. A reflection board for a liquid crystal backlight obtainable by using a reflecting member for a surface light source as claimed in any one of claims 1 to 7.

16. A liquid crystal backlight unit obtainable by using a reflection board for a liquid crystal backlight as claimed in claim 15.